Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Development and Improvements of Road, Drain and covering Slabs Kogilu Lake and Surrounding area Defence Colony, Kogilu Village, Sri Rampura and Jakkur Village, Kattigenahalli and Agrahara layout in Ward No.05

Modified Schedule-B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No 27., I.No.5.33 of KPWD S.R 2018-19).	Sqm	3391.25	116.85	Rupees One Hundred Sixteen And Paise Eighty Five Only
2	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)	Cum	8365.27	273.60	Rupees Two Hundred Seventy Three And Paise Sixty Only
3	Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. I.No.5.31.1, Page no 27	Sqm	4652.00	779.03	Rupees Seven Hundred Seventy Nine And Paise Three Only
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	1125.45	5692.45	Rupees Five Thousand Six Hundred Ninety Two And Paise Forty Five Only
	Above 125%	Cum	468.91	5692.45	Rupees Five Thousand Six Hundred Ninety Two And Paise Forty Five Only
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13, cement mortar 1:6 KBS 5.1.13 (P.No-25,I No-5.6)	Cum	62.77	5114.86	Rupees Five Thousand One Hundred Fourteen And Paise Eighty Six Only
6	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2,P No-229)	Tn	114.90	75936.10	Rupees Seventy Five Thousand Nine Hundred Thirty Six And Paise Ten Only

including cost of all materials, labour charegs, scaffolding, curing compete as per specifications

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	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
	...ding and laying plain/reinforced cement concrete for ... drains using M20 nominal mix concrete with OPC at ...0 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)	Cum	1590.42	7423.00	Rupees Seven Thousand Four Hundred Twenty Three Only
8	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)	Cum	972.06	6034.11	Rupees Six Thousand Thirty Four And Paise Eleven Only
9	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.1, Page no 27	Sqm	0.00	1070.60	Rupees One Thousand Seventy And Paise Sixty Only
10	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.2, Page no 27	Sqm	3288.00	1028.31	Rupees One Thousand Twenty Eight And Paise Thirty One Only
	Above 125%	Sqm	166.68	1028.31	Rupees One Thousand Twenty Eight And Paise Thirty One Only
11	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	10270.92	2453.62	Rupees Two Thousand Four Hundred Fifty Three And Paise Sixty Two Only
12	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	433.98	5688.36	Rupees Five Thousand Six Hundred Eighty Eight And Paise Thirty Six Only

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	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
	ding and fixing pre cast solid cement concrete kerb as made out of CC 1:2:4 with top and bottom width 4 and 185 mm respectively, 460mm high and 450mm length finished with CM 1:3 plastering and finishing curing including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete As per the direction of Engineer incharge. Item No 5.30, Page No 27	Nos	6963.00	454.06	Rupees Four Hundred Fifty Four And Paise Six Only
14	KSRRB 600.1 Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications MORTH Chapter 8 (Page No 180 Item no 24.1 of KPWD S.R Bangalore Circle 2018-2019)	Sqm	178.68	89.03	Rupees Eighty Nine And Paise Three Only
15	KSRRB M200.24 Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stack piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202.(I No-18.47,P No-149)	Cum	255.60	1013.93	Rupees One Thousand Thirteen And Paise Ninety Three Only
	Above 125%	Cum	757.68	1013.93	Rupees One Thousand Thirteen And Paise Ninety Three Only
16	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)	Cum	145.13	2094.47	Rupees Two Thousand Ninety Four And Paise Forty Seven Only
	Above 125%	Cum	68.49	2094.47	Rupees Two Thousand Ninety Four And Paise Forty Seven Only

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...ance Colony, Kogilu

Nov-20

	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
17	...ucting un-reinforced, plain cement concrete for ...ments using Grade concrete M30 with OPC at 360 ...cum and coarse aggregate 0.69cum, fine aggregate .46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,	Cum	191.70	5470.99	Rupees Five Thousand Four Hundred Seventy And Paise Ninety Nine Only
	Above 125%	Cum	568.26	5470.99	Rupees Five Thousand Four Hundred Seventy And Paise Ninety Nine Only

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